

CORRES. CONTROL  
OUTGOING LTR NO

JOE ORDERS

4700.1

95 RF01188

**EG&G ROCKY FLATS**

EG&G ROCKY FLATS, INC.

ROCKY FLATS PLANT, P O BOX 464, GOLDEN COLORADO 80402-0464 - (303) 966-7000

DIST	U	DC
AMARAL, M.E.		
BURLINGAME, A.H.		
BUSBY, W.S.		
BRANCH, D.B.		
CARNIVAL, G.J.		
DAVIS, J.G.		
FERRERA, U.W.		
FRAY, R.E.		
GEIS, J.A.		
GLOVER, W.S.		
GOLAN, P.M.		
HANNI, B.J.		
HARMAN, L.K.		
HEALY, T.J.		
HEDAH, T.		
HILBIG, J.G.		
HUTCHINS, N.M.		
JACKSON, D.T.		
KELL, R.E.		
KUESTER, A.W.		
MARX, G.E.		
McDONALD, M.M.		
McKENNA, F.G.		
MONTROSE, J.K.		
MORGAN, R.V.		
POTTER, G.L.		
PZZUTO, V.M.		
RISING, T.L.		
SANDLIN, N.B.		
SCHWARTZ, J.K.		
SETLOCK, G.H.		
STEWART, D.L.		
STIGER, B.G.		
TOSIN, P.M.		
VORHEIS, G.M.		
Broussard, M.E.		
COMPTON, M.L.		
Gould, J.R.		
JOINT, S.A.		
Louisa, P.T.		
Trimrose, A.		
Kuback, M.		
Voss, M.T.		
CORRES. CONTROL	X	X
ADMIN RECORDING	X	X
TRAFFIC		
PATS/T1809		

CLASSIFICATION

UCNI		
UNCLASSIFIED	X	X
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER

SIGNATURE

DOCUMENT CLASSIFICATION

REVIEW WAVE PER

CLASSIFICATION OFFICE

DATE

IN REPLY TO RFP CC NO

N/A

ACTION ITEM STATUS

PARTIAL/OPEN

CLOSED

LTR APPROVALS:

ORIG & TYPIST INITIALS

SAJ, QIC

January 27, 1995

Jessie M Roberson  
Assistant Manager for  
Environmental Restoration Division  
DOE/RFEO

MODIFICATIONS TO THE OPERABLE UNIT 1 (OU 1) INTERIM MEASURES/INTERIM REMEDIAL ACTION PLAN (IMIRAP) RESULTING FROM CONSTRUCTION OF THE SITEWIDE TREATMENT FACILITY - SGS-036-95

Action Concurrence with proposed action

The OU 1 IMIRAP governs the collection and treatment of groundwater from OU 1 sources EG&G Rocky Flats Inc. is proposing to remove treatment from the OU 1 IMIRAP and transfer treatment to the Sitewide Treatment Facility (STF) The STF is an upgrade of the existing OU 1 Treatment Facility (Building 891), consisting of the addition of treatment equipment that allows the acceptance and treatment of waters from the OU 7 collection system and the SW-59 collection system installed at OU 2

The additional treatment equipment to be installed in Building 891 is presently located at the OU 2 Field Treatability Unit The modules to be relocated are the Chemical Precipitation/Microfiltration Unit consisting of chemical precipitation tanks and mixers, a micro-filtration unit, and a sludge dewatering unit; the Granular Activated Carbon Columns, and a prefilter system of bag filters. A new reaction tank will be acquired and fitted with existing mixers and metering pumps The existing hydrogen peroxide supply in Building 891 will be used to feed the reaction tank This equipment will be used with the prefilter system as a temporary iron removal system for OU 7 water until the microfiltration unit is installed Process piping between the existing treatment units in Building 891 will be modified to accommodate the new equipment and allow for optimizing the influent flow path to maximize treatment efficiency A description of these components and the treatment process can be found in the IMIRAP Decision Documents for OU 1 and OU 2 dated January 1990 and March 1991 respectively

The STF will treat the remaining sources from OU 1 and OU 2, water from OU 7 and potentially other waters derived from environmental remediation activities that meet the STF acceptance criteria The OU 2 source (SW-59) is characterized in the OU 2 Final Surface Water IMIRAP of March 1991 The OU 7 source is characterized in the Proposed Action Memorandum Seep Collection and Treatment Operable Unit No 7 dated October 13, 1994 These additional sources will be collected and stored at the sites described in the previously referenced documents Accumulated waters will then be periodically trucked to the STF for treatment All source waters will be treated to attain the Applicable or Relevant and Appropriate Requirements and compliance with them will be demonstrated prior to the release of treated effluent.

J M Roberson  
January 27, 1995  
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It is EG&G Rocky Flats Inc's recommendation that concurrence for these changes be obtained from the Colorado Department of Public Health and Environment and the Environmental Protection Agency

Please contact Steven Joliat at extension 2534, Ty Vess at extension 6540, or Mike Rupert at extension 6956 with any questions



S G Stiger, Director  
Environmental Restoration Program Division  
EG&G Rocky Flats, Inc

SAJ alc

Orig and 1cc - J M Roberson

cc

S R Grace - DOE, RFFO  
M. N Silverman - DOE, RFFO